

Quarterly Groundwater Monitoring Report Second Quarter 2005

**7-Eleven Store #23233
8499 Gerber Road
Sacramento, California**

SECOR Project No.: 77EL.23233.05

Submitted by:
SECOR International Incorporated
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
916-861-0400

Prepared on behalf of:
7-Eleven, Inc.
Mr. Ken Hilliard
P.O. Box 711
Dallas, TX 75221-0711

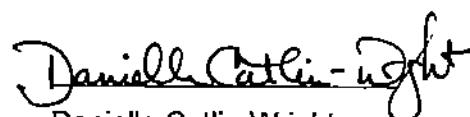
July 14, 2005

Prepared by:



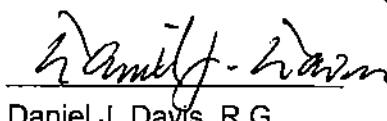
Colin Ryan
Staff Geologist

Reviewed By:

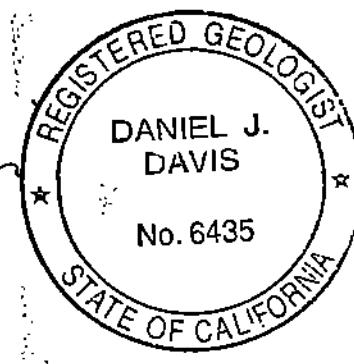


Danielle Catlin-Wright
Associate Scientist

Reviewed by:



Daniel J. Davis, R.G.
Senior Geologist



DATE: July 14, 2005

S E C O R**7-ELEVEN, INC. QUARTERLY REPORT**

Store Number:	7-Eleven Store #23233
Site Address:	8499 Gerber Road, Sacramento, CA
7-Eleven Contact:	Mr. Ken Hilliard
Consulting Company:	SECOR International, Inc. – Mr. Jaff Auchterlonie
SECOR Project No.:	77EL.23233.05
Primary Agency:	Sacramento County Environmental Management Department (SCEMD)

WORK PERFORMED THIS QUARTER [Second – 2005]

1. Conducted groundwater monitoring and sampling on April 27, 2005.
2. Prepared quarterly groundwater sampling and status report.
3. Resampled MW-2 on May 19, 2005.

WORK PROPOSED FOR NEXT QUARTER [Third – 2005]

1. Perform quarterly groundwater monitoring and sampling.
2. Prepare status report.

DISCUSSION

The site is an active 7-Eleven convenience store and retail gasoline fueling facility with three 10,000-gallon gasoline underground storage tank (UST) (Figures 1 and 2). The current groundwater monitoring and sampling data are summarized in Table 1, and presented on Figures 2 and 3. Historical groundwater monitoring and sampling results are summarized in Table 2. The well completion details are summarized in Table 3.

Current Site Information

Current Phase of Project:	Groundwater Monitoring
Frequency of Monitoring and Sampling:	Quarterly, Three wells- MW-1 through MW-3
Are Liquid Phase Hydrocarbons Present On-site:	No
Water Supply Wells within a 2,000-foot radius and their Respective Direction:	Two wells located approx. 1,850 ft to the northwest
Current Remediation Techniques:	None
Permits for Discharge:	None
Historic Range in Depth to Water, Q1-04 to Q2-05	MW-1, 72.81 to 76.24 feet bgs

Current Quarter Monitoring Data

Wells Monitored and Sampled:	Three wells- MW-1 through MW-3
Dissolved Oxygen Concentrations Measured In:	Three wells- MW-1 through MW-3
Depth to Groundwater (DTW)	71.83 to 72.81 ft bgs
Average Change in Groundwater Elevation Since Last Event:	1.81 foot increase

S E C O R

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Groundwater Flow Direction and Gradient:

Northwest @ 0.0007 foot per foot
(Figure 2)

Current Quarter Analytical Data

Maximum TPHg Concentrations

(See Figure 3 and Table 1)

Maximum Benzene Concentrations

Not Detected, <50 µg/L

Maximum MtBE Concentrations

Not Detected, <0.50 µg/L

Maximum TBA Concentrations

MW-2, 4.3 µg/L and 1.7 µg/L

BACKGROUND

On March 8, 1996, soil samples D1-2.5 through D3-3.0, and product line trench samples T-1-2.0 through T-4-2.5, were collected beneath the dispensers and along product lines at the site during a fuel line upgrade. The highest concentration of total petroleum hydrocarbons as gasoline (TPHg), 1,100 milligrams per kilogram (mg/kg) was detected in soil sample D-3-2.5' collected under the southwestern dispenser. Concentrations of methyl-tert-butyl ether (MtBE) ranged from 0.054 mg/kg to 0.09 mg/kg; benzene was not detected in any dispenser or product line soil samples (Groundwater Technology Inc, 1996).

On March 12 and 13, 1996, additional soil samples (D-1-6.0 through D-3G-8) were collected within the canopy foundation footings to define the extent of petroleum hydrocarbon contamination beneath the dispensers. The highest concentrations of benzene and TPHg were detected in soil sample D-3C-6' at 0.091 mg/kg and 110 mg/kg, respectively. MtBE was not detected above laboratory reporting limits in any canopy footing soil samples (GTI, 1996).

On March 15, 1996, GTI submitted an Unauthorized Release Report to the SCEMD. On March 21, 1996, Cris Hamilton with the SCEMD confirmed via phone that the vertical extent of contamination was adequately defined and no further action would be necessary at the site.

On July 17, 2003, SECOR collected soil samples beneath the two fuel dispensers during fuel system upgrade work. Concentrations of MtBE were detected at 0.18 mg/kg (D1-3.0') and 0.053 mg/kg (D2-2.5'). Tert-amyl-methyl ether (TAME) was reported at a concentration of 0.0066 mg/kg in soil sample D1-3.0'. Soil samples did not contain concentrations of TPHg, benzene, toluene, ethylbenzene and xylenes (BTEX), diisopropyl ether (DIPE), ethyl-tert-butyl ether (EtBE), tert-butyl alcohol (TBA) or 1,2-dichloroethane (1,2 DCA) above laboratory reporting limits.

Based on the presence of reportable concentrations of petroleum hydrocarbons in the soil samples collected beneath the dispensers, SCEMD filed an Unauthorized Release Form on October 30, 2003.

SECOR submitted a Site Assessment Report with the SCEMD on June 23, 2004, requesting site closure due to the absence of hydrocarbons detected above reporting limits since monitoring was initiated. The SCEMD conditionally approved site closure in a letter

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dated August 26, 2004, requesting SECOR submit a formal site closure package. SECOR submitted a formal *Site Closure Request*, to the SCEMD in a letter dated March 16, 2005.

MONITORING AND SAMPLING PROCEDURES

The depth to water was measured to within 0.01 feet bgs in monitoring wells MW-1 through MW-3 from the top of casing (TOC) using a water level indicator. Dissolved oxygen concentrations were not measured this quarter due to equipment malfunction.

Well purging and sampling equipment was thoroughly cleaned prior to purging and sampling the wells. The sampling procedure for the wells included measuring the water level and checking for the presence of liquid-phase hydrocarbons (LPH), using either an electronic indicator and a clear Teflon® bailer or an oil-water interface probe. Wells not containing LPH were purged of approximately three casing volumes of water (or to dryness) using a submersible pump or bailer. The equipment and purging methods used for the current sampling event are noted on the field data sheets in Attachment A. During purging, temperature, pH, and electrical conductivity were monitored. After purging, the water level was allowed to recover to 80% of the original level prior to collection of the water sample. Groundwater samples were collected using a disposable Teflon® bailer, placed into appropriate Environmental Protection Agency (EPA) approved containers, labeled, logged onto chain-of-custody documents, and transported on ice to a California state-certified laboratory. Copies of the field notes are presented in Attachment A.

GROUNDWATER SAMPLE ANALYSES AND RESULTS

The groundwater samples collected from MW-1 through MW-3 were analyzed for the presence of TPHg, BTEX, MtBE, TBA, DIPE, EtBE, TAME, and 1,2-DCA by EPA Method 8260B. The certified laboratory analytical report and chain-of-custody documentation are presented as Attachment B. Groundwater analytical results are presented on Figure 3.

To verify the presence of 4.3 µg/L MtBE detected in well MW-2 during the second quarter monitoring and sampling event, a confirmation groundwater sample was collected from MW-2 on May 19, 2005. The confirmation water sample contained 1.7 µg/L MtBE. Groundwater analytical results are summarized in Tables 1 and 2.

PURGE AND RINSATE WATER DISPOSAL

Water generated during well sampling and equipment cleaning was pumped into a SECOR truck-mounted water tank. The water was transferred into properly labeled 55-gallon drums and stored on-site. The drummed non-hazardous water is transported quarterly by Belshire Environmental to DeMenno Kerdoon in Compton, California, for disposal.

S E C O R

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ATTACHMENTS

Figures

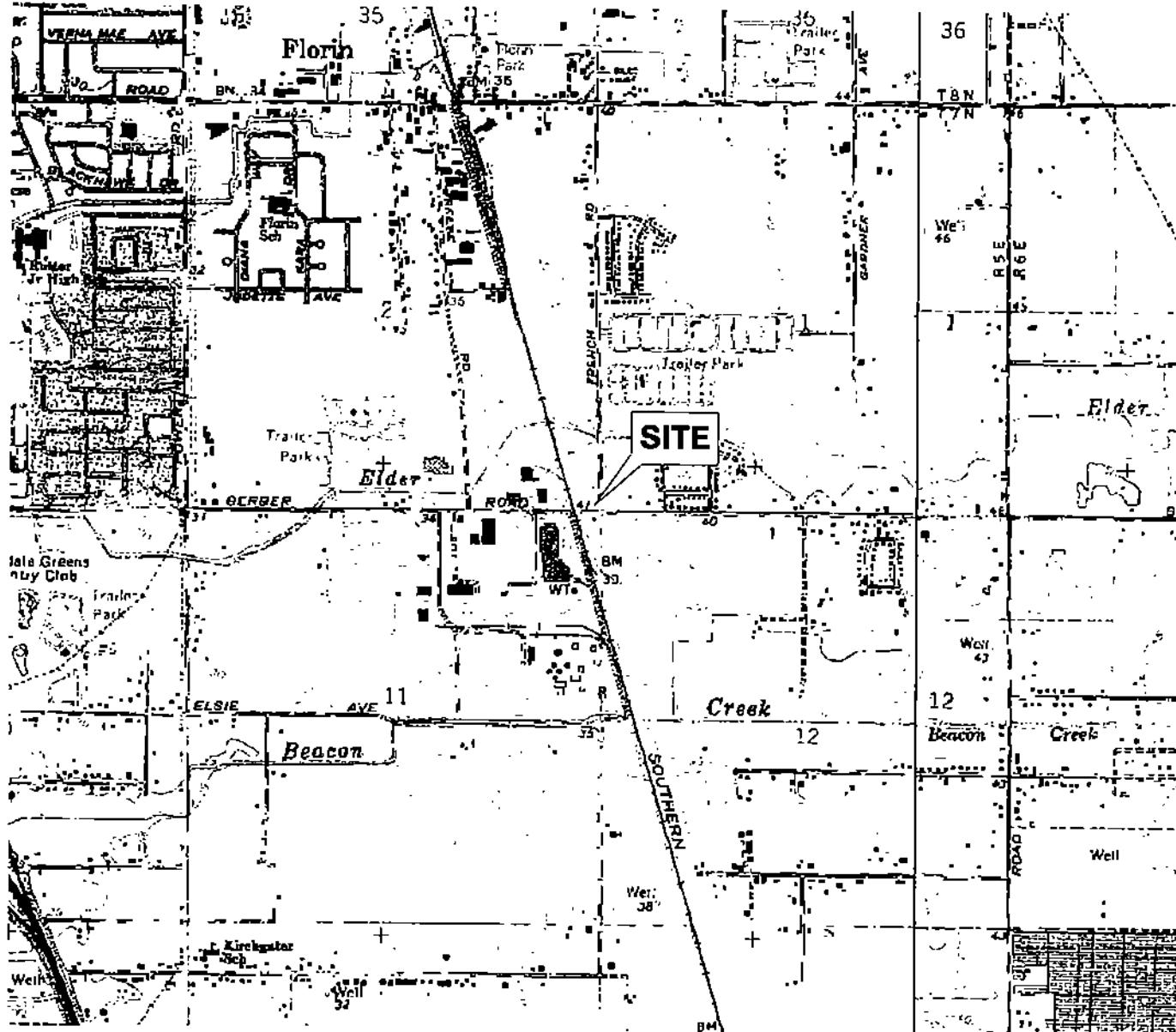
Tables

Attachment A – Field Notes

Attachment B – Certified Laboratory Analytical Reports and Chain-of-Custody Documentation

cc: Ms. Laura McLean, Sacramento County Environmental Management Department
Ms. Cori Condon, California Regional Water Quality Control Board, Central Coast Region

FIGURES



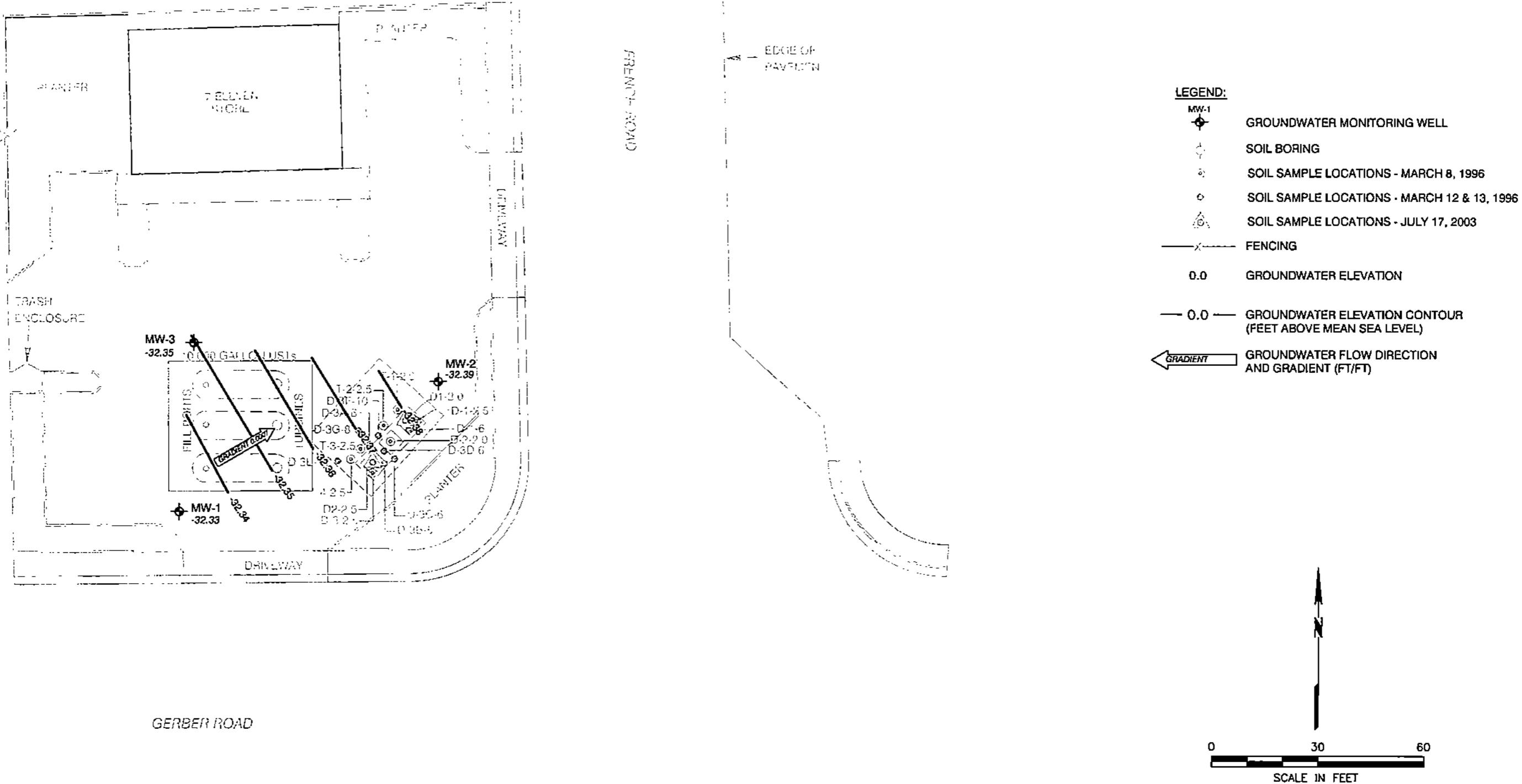
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NORTH REGION 5

0 2000 4000
SCALE IN FEET



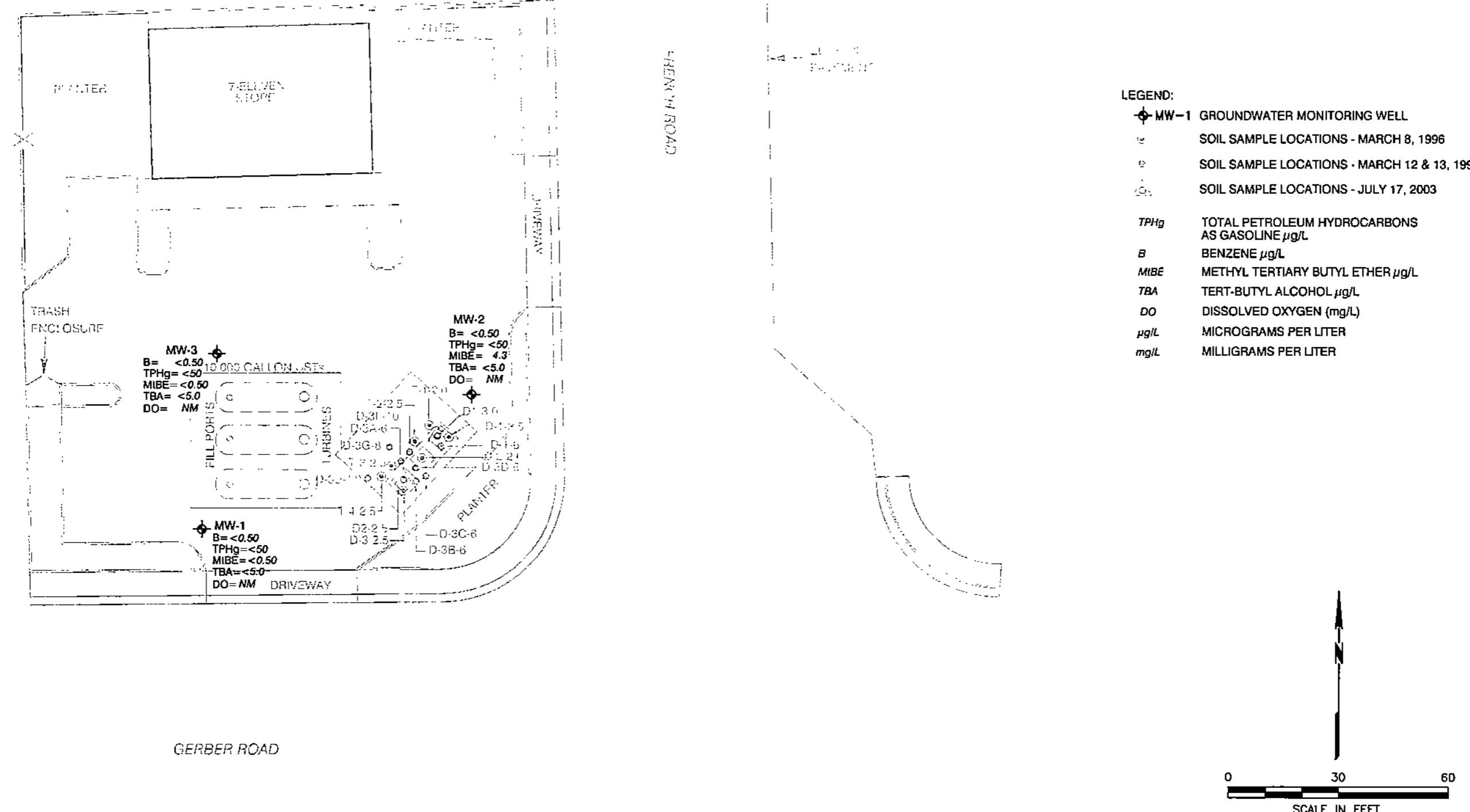
DRAWN	DWR
APPR	JSA
DATE	16/7/04 DWR
JOB NO.	77EL.23233.03.0518

FIGURE 1
7-ELEVEN, INC.
FACILITY NO. 23233
8499 GERBER ROAD
SACRAMENTO, CALIFORNIA
SITE LOCATION MAP



REFERENCE: THIS FIGURE IS BASED ON A "SITE PLAN" PROVIDED BY SHAW E & I, INC., DATED NOVEMBER 2002, AND IS INTENDED FOR ILLUSTRATION ONLY.

 SECOR 3017 KILGORE ROAD, SUITE 100 RANCHO CORDOVA, CALIFORNIA PHONE: (916) 881-0400/881-0430 (FAX)	FOR: 7-ELEVEN FACILITY NO. 23233 8499 GERBER ROAD SACRAMENTO, CALIFORNIA	GROUNDWATER ELEVATION CONTOUR MAP APRIL 27, 2005	FIGURE: 2
	JOB NUMBER: 77EL.23233.05 DRAWN BY: DWR	CHECKED BY: MD	APPROVED BY: JSA



REFERENCE: THIS FIGURE IS BASED ON A 'SITE PLAN' PROVIDED BY SHAW E & I, INC., DATED NOVEMBER 2002, AND IS INTENDED FOR ILLUSTRATION ONLY.

SECOR 3017 KILGORE ROAD, SUITE 100 RANCHO CORDOVA, CALIFORNIA PHONE: (916) 861-0400/861-0430 (FAX)	FOR: 7-ELEVEN FACILITY NO. 23233 8499 GERBER ROAD SACRAMENTO, CALIFORNIA	GROUNDWATER HYDROCARBON CONCENTRATION MAP APRIL 27, 2005	FIGURE: 3
	JOB NUMBER: 77EL_23233.05	DRAWN BY: DWR	CHECKED BY: MD
			APPROVED BY: JSA
			DATE: 2/17/05

TABLES

Table 1
Second Quarter 2005 Groundwater Monitoring and Analytical Data

7-Eleven Store #23233
 8499 Gerber Road
 Sacramento, CA

Well ID (no.)	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyli- Benzene ($\mu\text{g/L}$)	Xylene ($\mu\text{g/L}$)	TPHg ($\mu\text{g/L}$)	MIBE ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	DPE ($\mu\text{g/L}$)	ETBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	1,2-DCA ($\mu\text{g/L}$)	Dissolved Oxygen (mg/L)	SPT (feet)	WTE (feet)	
MW-1 40.48	04/27/05	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--	72.81	0.00	-32.33
MW-2 39.44	04/27/05 05/19/05	<0.50 <0.50	<0.50 0.53	<0.50 <0.50	<0.50 1.7	<5.0 <5.0	4.3 1.7	<5.0 <5.0	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	--	71.83 71.70	0.00 0.00	-32.39 -32.26
MW-3 40.18	04/27/05	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	--	72.53	0.00	-32.35

Explanation

TPHg = Total petroleum hydrocarbons-as-gasoline

MIBE = Methyl-tert-butyl ether

TBA = Tert-butanol

DPE = Diisopropyl ether

ETBE = Ethyl-tert-butyl ether

TAME = Tert-amyl-methyl ether

DTW = Depth to water

SPT = Separate-phase hydrocarbon thickness

WTE = Water table elevation

TOC = Top of casing elevation in feet above mean sea level

Notes

Samples analyzed by EPA Method 8260B.

a = Well was re-sampled to verify the presence of MIBE

Table 2
Historical Groundwater Monitoring and Analytical Data

7-Eleven Store #23233
8499 Gerber Road
Sacramento, CA

Well ID	Date	Benzene ($\mu\text{g/L}$)	Ethyl- Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Xylene ($\mu\text{g/L}$)	TPHg ($\mu\text{g/L}$)	MIBE ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	DIPE ($\mu\text{g/L}$)	EtBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	1,2-DCA ($\mu\text{g/L}$)	Notes	Dissolved Oxygen (mg/L)	DTW (feet)	SPT (feet)	WTE (feet)
MW-1	40-48 05/20/04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		6.6	74.84	0.00	-34.36
	08/27/04	1.0	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		2.4	76.01	0.00	-35.53
	09/17/04	<0.50	<0.50	<0.50	<0.50	—	<0.50	—	—	—	—	—		—	76.17	0.00	-35.69
	10/14/04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		7.5	76.24	0.00	-35.76
	01/14/05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		6.4	74.62	0.00	-34.14
	04/27/05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		—	72.81	0.00	-32.33
MW-2	39-44 05/20/04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		6.2	73.84	0.00	-34.40
	08/27/04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		9.3	75.01	0.00	-35.57
	10/14/04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		7.2	75.23	0.00	-35.79
	01/14/05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		7.6	73.63	0.00	-34.19
	04/27/05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	4.3	<5.0	<0.50	<0.50	<0.50		—	71.83	0.00	-32.39
	05/19/05	<0.50	0.53	<0.50	<0.50	<50	1.7	<5.0	<0.50	<0.50	<0.50	<0.50		—	71.70	0.00	-32.26
MW-3	40-18 05/20/04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		6.4	74.58	0.00	-34.40
	08/27/04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		7.7	75.74	0.00	-35.56
	10/14/04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		6.5	75.95	0.00	-35.77
	01/14/05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		7.1	74.34	0.00	-34.16
	04/27/05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50		—	72.53	0.00	-32.35

Explanation

TPHg = Total petroleum hydrocarbons-as-gasoline

MIBE = Methyl-t-butyl ether

TBA = Tert-butanol

DIPE = Diisopropyl ether

EtBE = Ethyl-t-butyl ether

TAME = Tert-amyl-methyl ether

DTW = Depth to water

SPT = Separate-phase hydrocarbon thickness

WTE = Water table elevation

TOC = Top of casing elevation in feet above mean sea level

Notes

Samples analyzed by EPA Method 8260B.

a = Well was re-sampled to verify the presence of MIBE

1,2-DCA = 1,2-dichloroethane

$\mu\text{g/L}$ = micrograms per liter

mg/L = milligrams per liter

— = Not Analyzed/ Not Measured

Table 3
Soil Boring and Well Construction Details

7-Eleven Store #23233
 8499 Gerber Road
 Sacramento, California

Well I.D.	Well		Screen		Screen Length (feet)	Comments	
	Drill Date	Depth (feet bgs)	Diameter (inches)	Top (feet bgs)	Bottom (feet bgs)		
Groundwater Monitoring Wells							
MW-1	05/06/04	85	2	65	85	20	
MW-2	05/06/04	85	2	65	85	20	
MW-3	05/05/04	83	2	63	83	20	

Explanation
 Wells constructed with polyvinyl-chloride (PVC) casing
 bgs = Below ground surface

**ATTACHMENT A
FIELD NOTES**

Quarterly Groundwater Monitoring
Report – Second Quarter 2005
7-Eleven Store #23233
8499 Gerber Road
Sacramento, California

JOB NAME:	7-Eleven Store #23233	JOB NUMBER:	77EL.23233.05.0703
SITE ADDRESS:	8499 Gerber Road	START DATE:	5/19/2005
	Sacramento, CA	DATE PREPARED:	5/19/2005
PREPARED FOR:	Peng Vang	PREPARED BY:	Tom Miller

GROUNDWATER GAUGING FORM

MEASURED TO TOC OR GRADE? Top of Casing

WELL I.D.	DTB	WELL DIAM.	WELL ELEV. TOC	DTW	GAUGED DTB	DTP/PT	D.O. (mg/L)	80% RECHG	COMMENTS
MW-2	85	2"		71.70	83.87				Please note if well needs locking cap or street box repair.
Estimated Purge Water Volume #REF! gallons #REF! Drums									

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 7-Eleven Store #23233 PURGED BY: Peng Yang WELL I.D.: MW- 2
CLIENT NAME: 7-Eleven, Inc. SAMPLED BY: Peng Yang SAMPLE I.D.: MW- 2
LOCATION: 8499 Gerber Road, Sacramento, CA QA SAMPLES: None

DATE PURGED 5-19-05 START (2400hr) 1015 END (2400hr) 1033
DATE SAMPLED 5-19-05 SAMPLE TIME (2400hr) 1047
SAMPLE TYPE: Groundwater Surface Water Treatment Effluent Other

CASING DIAMETER: 2" X (0.17) 3" (0.38) 4" (0.67) 5" (1.02) 6" (1.50) 8" (2.60) Other ()

DEPTH TO BOTTOM (feet) = 83.87 CASTING VOLUME (gal) = 2.1

DEPTH TO WATER (feet) = 71.70 CALCULATED PURGE (gal) = 6.3

WATER COLUMN HEIGHT (feet) = 12.17 ACTUAL PURGE (gal) = 6.7

FIELD MEASUREMENTS

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 71.77 SAMPLE TURBIDITY: med

80% RECHARGE: YES NO ANALYSES: BTEX, TPPh, 5 Oxygenates, 1,2-DCA via EPA 8260B

ODOR: *o* SAMPLE VESSEL / PRESERVATIVE: HCL

PURGING EQUIPMENT

<input type="checkbox"/> Bladder Pump	<input type="checkbox"/> Bailer (Teflon)
<input type="checkbox"/> Centrifugal Pump	<input type="checkbox"/> Bailer (PVC)
<input checked="" type="checkbox"/> Submersible Pump	<input type="checkbox"/> Bailer (Stainless Steel)
<input type="checkbox"/> Peristaltic Pump	<input type="checkbox"/> Dedicated

Other:

Pump Depth:

SAMPLING EQUIPMENT

Bladder Pump Bailier (Teflon)
 Centrifugal Pump Bailier (PVC or disposable)
 Submersible Pump Bailier (Stainless Steel)
 Peristaltic Pump Dedicated

Other:

WELL INTEGRITY: good

LOCK#: 142-S

REMARKS: DP = Cost shift

SIGNATURE:  Page of

JOB NAME:	7-Eleven Store #23233	JOB NUMBER:	77EL.23233.05.0703
SITE ADDRESS:	8499 Gerber Road	START DATE:	4-27-05
	Sacramento, CA	DATE PREPARED:	4/7/2005
PREPARED FOR:	Peng Vang	PREPARED BY:	Tom Miller

SITE VISITATION REPORT

Name(s) Peng Vang Date: 4-27-05 Did you call in? Yes No
 Arrival Time: 0930 Departure Time: _____ Who did you call? Tom Miller
 Weather Notations: SUN CLOUDY RAIN SNOW Temperature 65° F

DRUM INVENTORY

<u>1</u>	WATER SOIL	<u>2</u>	CARBON EMPTY	TOTAL OPEN TOP TOTAL BUNG TOP	<u>3</u>
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HEALTH AND SAFETY ASSESSMENT

Traffic - moderate to low - Set up delineator for safety & visibility. Watch for local traffic & delivery trucks.

CALIBRATION

Ec	Calibration Reading	<u>1413</u>
pH	Two Pt. Calibration:	Reading 1 <u>7.01</u> Reading 2 <u>4.01</u>
DO Calibration	<u>NO</u> meter	
Pre-Calibration reading	Calibration Reading	Post Calibration Reading
Agitated Water Readings	Pre M&S:	Post M&S:

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

0900 Left store office
 0930 Arrived on site
 0937 Check in with store manager.
 0940 Review HASP.
 0951 Decor & calibrate equipment & meters.
 1000 Paint Locate & open wells.
 1010 Gauge wells & monitor DTW-DTR
 1020 Start purge & get Ph, ec, temp readings.
 1230 Finish purge & sample
 1240 Decor & transfer water to Drum on site.
 1255 Left site

JOB NAME:	7-Eleven Store #23233	JOB NUMBER:	77EL.23233.05.0703
SITE ADDRESS:	8499 Gerber Road	START DATE:	4-27-05
	Sacramento, CA	DATE PREPARED:	4/7/2005
PREPARED FOR:	Peng Vang	PREPARED BY:	Tom Miller

GROUNDWATER GAUGING FORM

MEASURED TO TOC OR GRADE? Top of Casing

WELL I.D.	DTB	WELL DIAM.	WELL ELEV. TOC	DTW	GAUGED DTB	DTP/PT	D.O. (mg/L)	80% RECHG.	COMMENTS
MW-1	83	2"		72.81	85.12		N/A		Please note if well needs locking cap or street box repair
MW-2	85	2"		71.83	84.19		N/A		
MW-3	85	2"		72.53	82.82		N/A		
Estimated Purge Water Volume					0 gallons	0.00	Drums		

SECOR International Inc.
WATER SAMPLE FIELD DATA SHEET

PROJECT #: 7-Eleven Store #23233 PURGED BY: Peng Vang WELL I.D.: MW- 2
CLIENT NAME: 7-Eleven, Inc. SAMPLED BY: Peng Vang SAMPLE I.D.: MW- 2
LOCATION: 8499 Gerber Road, Sacramento, CA QA SAMPLES: None

DATE PURGED 4-27-05 START (2400hr) 1020 END (2400hr) 1035

DATE SAMPLED 4-27-05 SAMPLE TIME (2400hr) 1046

SAMPLE TYPE: Groundwater X Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" X 3" (0.38) 4" (0.67) 5" (1.02) 6" (1.50) 8" (2.60) Other ()

DEPTH TO BOTTOM (feet) = 84.9 Casing Volume (gal) = 2.5

DEPTH TO WATER (feet) = 71.83 CALCULATED PURGE (gal) = 7.5

WATER COLUMN HEIGHT (feet) = 12.36 ACTUAL PURGE (gal) = 7.5

FIELD MEASUREMENTS

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 71.71 SAMPLE TURBIDITY: Low

SAMPLE TURBIDITY: 400

80% RECHARGE: YES NO ANALYSES: BTEX, TPHg, 5 Oxygenates, 1,2-DCA via EPA 8260B

ODOR: S SAMPLE VESSEL / PRESERVATIVE: HCL

PURGING EQUIPMENT

Bladder Pump	Bailer (Teflon)
Centrifugal Pump	Bailer (PVC)
X Submersible Pump	Bailer (Stainless Steel)
Peristaltic Pump	Dedicated

Other:

Pump Depth:

SAMPLING EQUIPMENT

<input type="checkbox"/> Bladder Pump	<input type="checkbox"/> Bailor (Teflon)
<input type="checkbox"/> Centrifugal Pump	<input checked="" type="checkbox"/> Bailor (<input type="checkbox"/> PVC or <input checked="" type="checkbox"/> disposable)
<input type="checkbox"/> Submersible Pump	<input type="checkbox"/> Bailor (Stainless Steel)
<input type="checkbox"/> Peristaltic Pump	<input type="checkbox"/> Dedicated

Other:

WELL INTEGRITY: Seal C LOCK#: K-15

LOCK#: 4-5

REMARKS-

SIGNATURE: J. V. Page of

SECOR International Inc.

PROJECT #: 7-Eleven Store #23233 PURGED BY: Peng Vang WELL I.D.: MW- 1
CLIENT NAME: 7-Eleven, Inc. SAMPLED BY: Peng Vang SAMPLE I.D.: MW- 1
LOCATION: 8499 Gerber Road, Sacramento, CA QA SAMPLES: None

DATE PURGED 9-27-05 START (2400hr) 1100 END (2400hr) 1118

DATE SAMPLED 4-27-05 SAMPLE TIME (2400hr) 1130

SAMPLE TYPE: Groundwater Surface Water Treatment Effluent Other

CASING DIAMETER: 2" X (0.17) 3" (0.38) 4" (0.67) 5" (1.02) 6" (1.50) 8" (2.60) Other ()

DEPTH TO BOTTOM (feet) = 85.12 CASING VOLUME (gal) = 25

DEPTH TO WATER (feet) = 7.2.8 / CALCULATED PURGE (gal) = 7.5

WATER COLUMN HEIGHT (feet) = 12.3 / ACTUAL PURGE (gal) = 7.5

FIELD MEASUREMENTS

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 72.87 SAMPLE AT CROWNATION SAMPLE TURBIDITY: 100

80% RECHARGE: YES NO ANALYSES: BTEX, TPHe, 5 Oxigenatos, 1,2-DCA via EPA 8260B

ODOR: *D* SAMPLE VESSEL / PRESERVATIVE: HCl

PURGING EQUIPMENT

<input type="checkbox"/> Bladder Pump	<input type="checkbox"/> Bailer (Teflon)
<input type="checkbox"/> Centrifugal Pump	<input type="checkbox"/> Bailer (PVC)
<input checked="" type="checkbox"/> Submersible Pump	<input type="checkbox"/> Bailer (Stainless Steel)
<input type="checkbox"/> Peristaltic Pump	<input type="checkbox"/> Dedicated

Other:

SAMPLING EQUIPMENT

Bladder Pump Bailier (Teflon)
 Centrifugal Pump Bailier (PVC or disposable)
 Submersible Pump Bailier (Stainless Steel)
 Peristaltic Pump Dedicated

Other:

WELL INTEGRITY: good

LOCK#: 11-5

REMARKS: _____

SIGNATURE: *J. J. V.*

SECOR International Inc.

PROJECT #: 7-Eleven Store #23233 PURGED BY: Peng Yang WELL I.D.: MW-3
CLIENT NAME: 7-Eleven, Inc. SAMPLED BY: Peng Yang SAMPLE I.D.: MW-3
LOCATION: 8499 Gerber Road, Sacramento, CA QA SAMPLES: None

DATE PURGED 4-27-05 START (2400hr) 1150 END (2400hr) 1206

DATE SAMPLED 4-27-05 SAMPLE TIME (2400hr) 1220

SAMPLE TYPE: Groundwater X Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" X (0.17) 3" (0.38) 4" (0.67) 5" (1.02) 6" (1.50) 8" (2.60) Other ()

DEPTH TO BOTTOM (feet) = 82.82 CASING VOLUME (gal) = 2.15

DEPTH TO WATER (feet) = 72.53 CALCULATED PURGE (gal) = 50

WATER COLUMN HEIGHT (feet) = 10.2' ACTUAL PURGE (gal) = 60.3

FIELD MEASUREMENTS

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 72.60 SAMPLE TURBIDITY: 6.01

SAMPLE TURBIDITY: Low

80% RECHARGE: YES NO **ANALYSES:** BTEX, TPHg, 5 Oxigenates, 1,2-DCA via EPA 8260B

ODOR: *Et* SAMPLE VESSEL / PRESERVATIVE: HCl

PURGING EQUIPMENT

<input type="checkbox"/> Bladder Pump	<input type="checkbox"/> Bailer (Teflon)
<input type="checkbox"/> Centrifugal Pump	<input type="checkbox"/> Bailer (PVC)
<input checked="" type="checkbox"/> Submersible Pump	<input type="checkbox"/> Bailer (Stainless)
<input type="checkbox"/> Peristaltic Pump	<input type="checkbox"/> Dedicated

Other:

Pump Depth:

SAMPLING EQUIPMENT

Bladder Pump Bailer (Teflon)
 Centrifugal Pump Bailer (PVC or disposable)
 Submersible Pump Bailer (Stainless Steel)
 Peristaltic Pump Bailer (Rubber)

Others

WELL INTEGRITY: good

LOCK#: Yes

REMARKS: _____

SIGNATURE: ✓ ✓

**ATTACHMENT B
CERTIFIED LABORATORY ANALYTICAL REPORTS
AND CHAIN-OF-CUSTODY DOCUMENTATION**

Quarterly Groundwater Monitoring
Report – Second Quarter 2005
7-Eleven Store #23233
8499 Gerber Road
Sacramento, California



Report Number : 43916

Date : 5/27/2005

Debbie Herzog
SECOR International, Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Subject : 1 Water Sample
Project Name : 7-Eleven Store #23233
Project Number : 77EL.23233.05

Dear Ms. Herzog,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 43916

Date : 5/27/2005

Project Name : 7-Eleven Store #23233

Project Number : 77EL.23233.05

Sample : MW-2

Matrix : Water

Lab Number : 43916-01

Sample Date : 5/19/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Toluene	0.53	0.50	ug/L	EPA 8260B	5/26/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Methyl-t-butyl ether (MTBE)	1.7	0.50	ug/L	EPA 8260B	5/26/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/26/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/26/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Toluene - d8 (Surr)	97.2		% Recovery	EPA 8260B	5/26/2005
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	5/26/2005
Dibromofluoromethane (Surr)	108		% Recovery	EPA 8260B	5/26/2005
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	5/26/2005

Approved By:

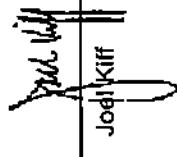
Joel Kiff

QC Report : Method Blank Data**Project Name : 7-Eleven Store #23233****Project Number : 77EL.23233.05**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Diisopropyl ether (DPE)	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Tet-Buanol	< 5.0	5.0	ug/L	EPA 8260B	5/26/2005
TPH Bs Gasoline	< 50	50	ug/L	EPA 8260B	5/26/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	5/26/2005
Toluene - d8 (Surrogate)	101	%		EPA 8260B	5/26/2005
4-Bromofluorobenzene (Surrogate)	102	%		EPA 8260B	5/26/2005
Dibromoformaldehyde (Surrogate)	105	%		EPA 8260B	5/26/2005
1,2-Dichloroethane-d4 (Surrogate)	100	%		EPA 8260B	5/26/2005

Report Number : 43916

Date : 5/27/2005



KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:

Joe Kiff

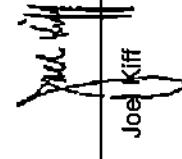
Report Number : 43916

Date : 5/27/2005

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : 7-Eleven Store #23233
Project Number: 77EL.23233.05

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Units	Analysis Method	Date Analyzed	Duplicate Spiked Sample	Spiked Sample	Relative Percent Recov.	Spiked Sample	Relative Percent Recov.	Relative Percent Diff. Limit
Benzene	43916-01	<0.50	40.0	40.0	40.1	ug/L	EPA 8260B	5/26/05	100	98.6	1.67	70-130	25	
Toluene	43916-01	0.53	40.0	40.0	41.6	ug/L	EPA 8260B	5/26/05	103	94.6	8.14	70-130	25	
Tert-Butanol	43916-01	<5.0	200	200	204	ug/L	EPA 8260B	5/26/05	102	103	0.742	70-130	25	
Methyl-t-Butyl Ether	43916-01	1.6	40.0	40.0	39.1	ug/L	EPA 8260B	5/26/05	93.7	94.1	0.377	70-130	25	



Approved By: Joe Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 43916

Date : 5/27/2005

QC Report : Laboratory Control Sample (LCS)

Project Name : 7-Eleven Store #23233
Project Number : 77EL.23233.05

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	5/26/05	99.8	70-130
Toluene	40.0	ug/L	EPA 8260B	5/26/05	100	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/26/05	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/26/05	96.4	70-130

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:

Joe Kiff

Chain of Custody Number:

4/39/16

SECOR Chain-of Custody Record

Field Office: 077 Sacramento
 Address: 3017 Kilkore Road, Suite 100
Rancho Cordova, CA

Additional documents are attached, and are part of this Record.
 Job Name: 7-Eleven Store #23233
 Location: 8498 Gerber Road
Sacramento, CA

Project # 77EL.23233.05 Task # 0410Project Manager Jaff AuchtertonLaboratory Kiff AnalyticalTurnaround Time Standard

Sampler's Name Pang Vang
 Sampler's Signature PV

Sample ID MW-2Date 5-19-05Time 1047

Matrix

HCl-preserved

TPHg/BTEX/5 Oxygenates

EPA 8280

TPHd (Diesel Only)

8015 (modified)

AROMATIC VOLATILES

602/8020

Volatile organics

624/8240 (P=GC/MS)

Halogenated Volatiles

601/8010

SEMIVOLATILE ORGANICS

1,2-DCA - EPA 8260B

Comments/
Instructions

Number of Containers

01
3
2
5
14

Special Instructions/Comments
5 Oxygenates - MtBE, EBE, DiPE, TBA, TAME
Global ID #T0606762020 (SIRC)
email EDD to cryan@secor.com
email lab report to dherzog@secor.com and
dacatin@secor.com

Relinquished by: Pang Vang
 Sign PV Print PV Company Kiff Date 5-19-05
 Relinquished by: Terry A. Heward
 Sign TH Print TH Company Kiff Analytical Date 5/30/05

Received by: Pang Vang
 Sign PV Print PV Company Kiff Date 5-19-05
 Received by: Terry A. Heward
 Sign TH Print TH Company Kiff Analytical Date 5/30/05

Sample Receipt
 Total no. of containers: _____
 Chain of custody seals: _____
 Rec'd in good condition/cold: _____
 Conforms to record: _____

Client: SECOR
 Client Contact: Tom Miller
 Client Phone: (916) 861-0400 ext 279



Report Number : 43514

Date : 5/6/2005

Debbie Herzog
SECOR International, Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Subject : 3 Water Samples
Project Name : 7-Eleven Store #23233
Project Number : 77EL.23233.05

Dear Ms. Herzog,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 43514

Date : 5/6/2005

Project Name : 7-Eleven Store #23233

Project Number : 77EL.23233.05

Sample : MW-1

Matrix : Water

Lab Number : 43514-01

Sample Date : 4/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Sur)	102		% Recovery	EPA 8260B	5/3/2005
Dibromofluoromethane (Sur)	104		% Recovery	EPA 8260B	5/3/2005
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	5/3/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 43514

Date : 5/6/2005

Project Name : 7-Eleven Store #23233

Project Number : 77EL.23233.05

Sample : MW-2

Matrix : Water

Lab Number : 43514-02

Sample Date : 4/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Methyl-t-butyl ether (MTBE)	4.3	0.50	ug/L	EPA 8260B	5/4/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/4/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/4/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Toluene - d8 (Surrogate)	97.7		% Recovery	EPA 8260B	5/4/2005
4-Bromofluorobenzene (Surrogate)	91.6		% Recovery	EPA 8260B	5/4/2005
Dibromofluoromethane (Surrogate)	106		% Recovery	EPA 8260B	5/4/2005
1,2-Dichloroethane-d4 (Surrogate)	99.7		% Recovery	EPA 8260B	5/4/2005

Approved By: Joel Kiff



Report Number : 43514

Date : 5/6/2005

Project Name : 7-Eleven Store #23233

Project Number : 77EL.23233.05

Sample : MW-3

Matrix : Water

Lab Number : 43514-03

Sample Date : 4/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/4/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/4/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	5/4/2005
4-Bromofluorobenzene (Surr)	92.6		% Recovery	EPA 8260B	5/4/2005
Dibromofluoromethane (Sum)	106		% Recovery	EPA 8260B	5/4/2005
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	5/4/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

QC Report : Method Blank Data

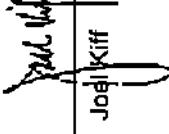
Project Name : 7-Eleven Store #23233

Project Number : 77EL.23233.05

Parameter	Measured Value	Method Limit	Reporting Units	Analysis Method	Date Analyzed	Parameter	Measured Value	Method Limit	Reporting Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005						
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005						
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005						
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005						
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005						
Diisopropyl ether (DIFE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005						
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005						
Ter-t-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005						
Tert-Butenol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005						
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005						
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005						
Toluene - d8 (Surf)	100		%	EPA 8260B	5/3/2005						
4-Bromofluorobenzene (Surf)	102		%	EPA 8260B	5/3/2005						
Dibromofluoromethane (Surf)	103		%	EPA 8260B	5/3/2005						
1,2-Dichloroethane-d4 (Surf)	103		%	EPA 8260B	5/3/2005						
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/4/2005						

Report Number : 43514

Date : 5/6/2005



Approved By:

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 43514

Date : 5/6/2005

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : 7-Eleven Store #23233
Project Number : 77EL23233.05

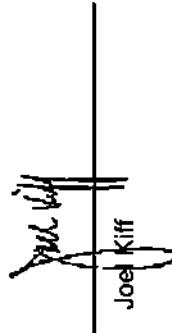
Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Spiked Sample Percent Recov. Diff.	Relative Percent Diff.	Relative Percent Recov. Limit
Benzene	43514-01	<0.50	39.8	40.1	37.6	37.6	ug/L	EPA 8260B	5/3/05	94.4	93.8	0.615	70-130 25
Toluene	43514-01	<0.50	39.8	40.1	40.1	40.0	ug/L	EPA 8260B	5/3/05	101	99.8	0.840	70-130 25
Tert-Butanol	43514-01	<5.0	199	200	186	186	ug/L	EPA 8260B	5/3/05	93.1	93.1	0.0419	70-130 25
Methyl-t-Butyl Ether	43514-01	<0.50	39.8	40.1	34.6	34.4	ug/L	EPA 8260B	5/3/05	86.8	85.8	1.16	70-130 25
Benzene	43526-01	<0.50	40.0	40.0	37.9	35.9	ug/L	EPA 8260B	5/4/05	94.8	89.8	5.45	70-130 25
Toluene	43526-01	0.58	40.0	40.0	38.3	40.0	ug/L	EPA 8260B	5/4/05	94.3	98.6	4.48	70-130 25
Tert-Butanol	43526-01	<5.0	200	200	189	188	ug/L	EPA 8260B	5/4/05	94.4	94.1	0.274	70-130 25
Methyl-t-Butyl Ether	43526-01	230	40.0	40.0	276	280	ug/L	EPA 8260B	5/4/05	116	124	6.26	70-130 25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:

Joe Kiff

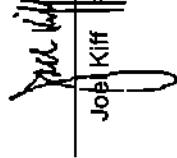


QC Report : Laboratory Control Sample (LCS)

Report Number : 43514
Date : 5/6/2005

Project Name : 7-Eleven Store #23233
Project Number : 77EL23233.05

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	5/3/05	94.2	70-130
Toluene	40.0	ug/L	EPA 8260B	5/3/05	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/3/05	90.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/3/05	85.5	70-130
Benzene	40.0	ug/L	EPA 8260B	5/4/05	81.9	70-130
Toluene	40.0	ug/L	EPA 8260B	5/4/05	91.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/4/05	86.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/4/05	88.9	70-130


Joe Kiff

KIFF ANALYTICAL, LLC

Approved By:
2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

435/4

Chain of Custody Number:

SECOR Chain-of-Custody Record

EECON CUSTREC Fltr. 2/29